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L33: Entry 1 of 2

File: JPAB

Jun 13, 2000

PUB-NO: JP02000160356A

DOCUMENT-IDENTIFIER: JP 2000160356 A

TITLE: PRODUCTION OF MAGNESIUM ALLOY BASKET BODY

PUBN-DATE: June 13, 2000

INVENTOR-INFORMATION:

NAME

COUNTRY

MUKAI, KIICHIRO

HAYAMIZU, NAOYA

HAMANAKA, KUNIO

ASSIGNEE-INFORMATION:

NAME

COUNTRY

TOSHIBA CORP

APPL-NO: JP10338935

APPL-DATE: November 30, 1998

INT-CL (IPC): C23 C 22/18; B22 D 21/04; C23 C 22/78; H05 K 5/04

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a beautiful basket body capable of forming a coating film good in adhesion and excellent in rust preventing force by producing a magnesium alloy molded body by a mold method using a release agent and removing the release agent on the surface of the molded body before a chemical conversion treatment therefor.

SOLUTION: By a mold method using a silicone resin as a release agent, a magnesium alloy molded body obtd. by alloying Al, Zn and Mn to Mg is produced. This molded body is subjected to treatment of deburring, threading, degreasing or the like, and, the release agent on the surface of the molded body is removed preferably by a surface grinding method by buffing or an etching method using an alkaline soln. of pH 8 to 12 (e.g. of sodium metasilicate, sodium sulfate or the like). Then, it is immersed into an aq. soln., e.g. of permanganic acid or manganic acid, is subjected to chemical conversion treatment and is thereafter applied with a coating by spraying an acrylic resin coating material, an epoxy resin coating material or the like.

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
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☐ 2. Document ID: JP 2000160356 A

L33: Entry 2 of 2

File: DWPI

Jun 13, 2000

DERWENT-ACC-NO: 2002-068886
DERWENT-WEEK: 200210
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TITLE: Magnesium alloy production casing for personal computer, cellular telephone or television set, comprises preparing magnesium alloy molded part, removing mold releasing agent, and applying chemical conversion coating

PATENT-ASSIGNEE: TOSHIBA KK (TOKE)

PRIORITY-DATA: 1998JP-0338935 (November 30, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 2000160356 A</u>	June 13, 2000		004	C23C022/18

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP2000160356A	November 30, 1998	1998JP-0338935	

INT-CL (IPC): B22 D 21/04; C23 C 22/18; C23 C 22/78; H05 K 5/04

ABSTRACTED-PUB-NO: JP2000160356A

BASIC-ABSTRACT:

NOVELTY - Manufacture of a magnesium alloy casing comprises preparing a magnesium alloy molded part by a molding method using a mold releasing agent, removing the mold releasing agent formed on the surface of the molded part and applying a chemical conversion coating to the molded part to form a coating film.

USE - Production of an attractive magnesium alloy casing for use in a personal computers, cellular telephones or television sets.

ADVANTAGE - The coating film has improved adhesiveness and rust preventive.

ABSTRACTED-PUB-NO: JP2000160356A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0

DERWENT-CLASS: M14 P53 T01 V04 W01

CPI-CODES: M14-D;

EPI-CODES: T01-L02B; V04-S01; V04-S10; W01-C01A3; W01-C01D3C;

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
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WEST Search History

DATE: Wednesday, March 26, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
	<i>DB=USPT,PGPB,JPAB,EPAB; PLUR=YES; OP=OR</i>		
L32	(3840481 4349390 4744872 4976830)! [pn]	4	L32
L31	6409844[uref]	0	L31
L30	l28 not l29	84	L30
L29	amine and L28	25	L29
L28	l21 not L27	109	L28
L27	l20 or L23	181	L27
L26	4770946[uref]	10	L26
L25	(2011613 3179504 3900296 4770946)! [pn]	5	L25
L24	6143428[uref]	0	L24
L23	L22 not l20	3	L23
L22	l1 and L21	4	L22
L21	(magnesium adj7 (cast\$ or mold\$)) and ((polymer or resin or thermoset\$)adj3(coating or film or layer))	117	L21
L20	l19 or l17	178	L20
L19	L18 not l17	31	L19
L18	(amine adj3 coating) and l2	31	L18
L17	l14 or l13	147	L17
L16	l14 not L15	6	L16
L15	L14 not l13	35	L15
L14	("amine salt" same (magnesium)) and l2	41	L14
L13	l12 or l10	112	L13
L12	L11 not l10	40	L12
L11	"amine salt" and l4	50	L11
L10	l9 or l5	72	L10
L9	L8 not l5	31	L9
L8	l4 and (amine same paint)	31	L8
L7	(4371573 5091224 5672433)! [pn]	3	L7
L6	6007925[uref]	2	L6
L5	l1 and L4	41	L5
L4	(magnesium same (cast\$ or mold\$)) and paint\$	1273	L4
L3	l1 and L2	194	L3
L2	magnesium and (cast\$ or mold\$) and paint\$	8460	L2

DB=USPT,PGPB; PLUR=YES; OP=OR

L1	((428/626 428/649 428/687 428/457 428/469 428/470 428/463 428/458 428/542.6 428/542.2 428/34.1)!.CCLS. (or/)!.CCLS.)	11103	L1
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END OF SEARCH HISTORY